

IDEALIST

SUBJECT: IRIS II EVALUATION, MSN GT70-111, 23 MAR 70

1. IMAGE QUALITY: MSN GT70-111 WAS FLOWN OVER
EDWARDS AFB RES TARGET RANGE AND BEST RESOLUTION READINGS
OBSERVED ON CLOUD FREE FRAMES FOLLOW: 12 INCHES ALONG TRACK
AND 15 INCHES ACROSS TRACK ON FWD FRAMES 909 AND 981, 15
INCHES ALONG TRACK AND 12 INCHES ACROSS TRACK ON AFT FRAME
914. AVERAGE RESOLUTION READINGS WITHIN 20 DEGREES OF VERTICAL
ARE 19 INCHES IN BOTH DIRECTIONS ON FWD AND AFT FRAMES. AREA
ALONG NON-TITLED EDGE OF FORWARD FRAMES EXHIBIT BEST IMAGERY.
AFT FRAMES AND AREA ALONG TITLED EDGE OF FWD FRAMES CONTAIN
LESS THAN OPTIMUM IMAGE QUALITY. AREA ADJACENT TO TITLED
EDGE OF FWD FRAMES APPEARS SLIGHTLY OUT OF FOCUS.

2. MSN DATA:

- A. MSN GT70-111 OF 23 MAR 70
- B. CAMERA NO: S/N 8013

COORDINATING OFFICERS

SECRET

AUTHENTICATING OFFICER

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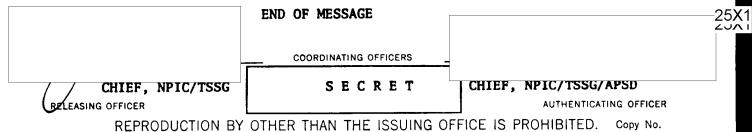
C. MODE OF OPERATION: STEREO

D. FILM TYPE/FILTER: 3404/W-23A

E. PROCESSING: DUAL GAMMA CHEMISTRY

3. ORIGINAL NEGATIVE:

- A. EXPOSURE: VARIABLE. A DEFECTIVE SENSOR APPARENTLY CAUSED UNDEREXPOSURE NEAR THE END OF MISSION.
- B. IMAGED DEGRADATION: MINOR PLUS AND MINUS DENSITY STREAKS, PARALLEL TO THE MAJOR AXIS, PRESENT THROUGHOUT MATERIAL.
 - C. STATIC: NONE.
 - D. BANDING: NONE.
 - E. METERING: GOOD.
 - F. AUXILIARY DATA: RECORDED SATISFACTORILY.
- 4. COMMENTS: EXCEPT FOR AEC SENSOR MALFUNCTION, MECHANICAL OPERATION OF CAMERA APPEARS SATISFACTORY. HOWEVER, RESOLUTION IS POORER THAN THAT OBSERVED ON MATERIAL FROM SIMILAR CAMERA SYSTEMS.



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